

AMENDMENTS TO THE CLAIMS

1-42. (Previously Cancelled).

43. (Currently Amended) A method for removing solids from a manure slurry, the method comprising the steps of:

running the manure slurry over a ~~slopped~~ sloped screen, the ~~slopped~~ sloped screen having a plurality of screen openings and a width, the screen openings having a size that ranges from a lower size to an upper size, the lower size being greater than a size that requires shaking before the manure slurry will fall through the screen openings, the upper size being equal to or less than 1mm; and collecting a screened slurry that falls through the sloped screen in a collection compartment.

44. (Original) The method of claim 43 and further comprising the step of spraying the manure slurry with a liquid with sprayers at a rate, the rate ranging from equal to or greater than 113 liters per hour to equal to or less than 1362 liters per hour per approximately 0.31 meters of the width.

45. (Original) The method of claim 44 and further comprising the step of controlling a volume of air that flows through the sloped screen.

46. (Currently Amended) A method for removing solids from a manure slurry, the method comprising the steps of:

running the manure slurry over a ~~slopped~~ sloped screen, the ~~slopped~~ sloped screen having a plurality of screen openings and a width, the screen openings having a size that ranges from about 0.18mm to equal to or less than 1mm; and collecting a screened slurry that falls through the sloped screen in a collection compartment.

47. (Original) The method of claim 46 and further comprising the step of spraying the manure slurry with a liquid with sprayers at a rate, the rate ranging from equal to or greater than 113 liters per hour to equal to or less than 1362 liters per hour per approximately 0.31 meters of the width.

48. (Original) The method of claim 47 and further comprising the step of controlling a volume of air that flows through the sloped screen.

49. (Currently Amended) A method for removing solids from a manure slurry, the method comprising the steps of:

running the manure slurry over a ~~slopped~~ sloped screen, the ~~slopped~~ sloped screen having a plurality of screen openings and a width, the screen openings having a size that ranges from 0.23mm to equal to or less than 0.89mm; and
collecting a screened slurry that falls through the sloped screen in a collection compartment.

50. (Original) The method of claim 49 and further comprising the step of spraying the manure slurry with a liquid with sprayers at a rate, the rate ranging from equal to or greater than 113 liters per hour to equal to or less than 1362 liters per hour per approximately 0.31 meters of the width.

51. (Currently Amended) A method for removing solids from a manure slurry, the method comprising the steps of:

running the manure slurry over a ~~slopped~~ sloped screen, the ~~slopped~~ sloped screen having a width and a plurality of screen openings;
spraying the manure slurry with a liquid with sprayers at a rate, the rate ranging from equal to or greater than 113 liters per hour to equal to or less than 1362 liters per hour per approximately 0.31 meters of the width; and
collecting a screened slurry that falls through the sloped screen in a collection compartment.

52. (Original) The method of claim 51 and further comprising the step of controlling a volume of air that flows through the sloped screen.

53. (Currently Amended) A method for removing solids from a manure slurry, the method comprising the steps of:

running the manure slurry over a ~~slopped~~ sloped screen, the ~~slopped~~ sloped screen having a width and a plurality of screen openings;
controlling a volume of air that flows through the sloped screen; and
collecting a screened slurry that falls through the sloped screen in a collection compartment.

54. (Original) The method of claim 53 and further comprising the step of spraying the manure slurry with a liquid with sprayers at a rate, the rate ranging from equal to or greater than 113 liters per hour to equal to or less than 1362 liters per hour per approximately 0.31 meters of the width.

55-57. (Previously Cancelled).

58. (Currently Amended) A method for removing solids from a manure slurry, the method comprising the steps of:

running the manure slurry over a ~~slopped~~ sloped screen, the ~~slopped~~ sloped screen having a width and a plurality of screen openings;
spraying the manure slurry with a liquid with a sprayer at a rate, the rate ranging from equal to or greater than 113 liters per hour to equal to or less than 1362 liters per hour per approximately 0.31 meters of the width; and
collecting a screened slurry that falls through the sloped screen in a collection compartment.